

IN-QUEST	Answers	The marlin	Mexico and USA	Parallax	Helium	The Olsen clock in Copenhagen	Hydrogen
		LW	PE	SF	ER	NT	F

IN-QUEST

Answers

Plastic	F
One	NT
Prime movers	ER
-1.46, stars over 2.5 times the magnitude of 1 are given negative numbers	SF
52 times	PE
America	LW

▲

A graphic titled "IN-QUEST" in large, stylized letters, with "ANSWERS" written below it. To the right of the title is a white triangle. Below the title, there are six horizontal bars, each containing a question. To the right of each bar is a colored circle containing a letter. The questions and letters are as follows:

Question	Letter
An American Space plane	F
The Docklands Light Railway	NT
275,000 or 400,000 volts	ER
The Crux	SF
The Colorado river	PE
A rodent found in South America	LW

IN-QUEST	
Answers	
The mandrill	LW
Africa	PE
Greater than, being equal to 3,2621 light years	SF
Chemical bonding	ER
A mass spectrometer	NT
Fibre optics	F

IN-QUEST	Answers
▲	LTW
	PE
	SF
	ER
	NT
	F

Africa	10 times	its magnitude	74	70 mm	It uses microphones that identify the signature of enemy helicopters' rotor systems
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Answers	Ermine	LW	PE	SF	ER	NT	F
IN-QUEST	Antarctica						
	Hydra						
	20,000 tonnes						
	Genetic finger printing						
	Magnetic induction						

A graphic titled "IN-QUEST" in large, stylized white letters, with "ANSWERS" in smaller white letters below it. To the right of the title is a large white triangle. Below the title is a vertical list of six white rectangular boxes, each containing a question. To the right of each box is a colored circle containing the answer. The questions and answers are: "Ceramics" (F), "USA" (NT), "The Antarctic" (ER), "Blue" (SF), "Alaska" (PE), and "Duck" (LW).

Question	Answer
Ceramics	F
USA	NT
The Antarctic	ER
Blue	SF
Alaska	PE
Duck	LW

IN-QUEST	Answers	3	F
		Agile eye helmet	NT
		33,000 volts	ER
		International Astronomical Union	SF
		The Pacific	PE
		The salmon family	LW

True

F

A computer program that allows witnesses to recreate criminal faces

NT

3 million tonnes

ER

Constellations

SF

40,076 km

PE

The dingo

LW

IN-QUEST

Answers

▲

- F** What will be the likely material used to encase car engines of tomorrow?
- NT** Where is the largest programme for genetic engineering currently being conducted – the USA, Russia or Japan?
- ER** Where is the greatest quantity of fresh water in the world found?
- SF** Stars come in a variety of colours depending on their surface temperature. Which are the hotter, red or blue?
- PE** In what US state are the Brooks range of mountains found?
- LW** Is a merganser a type of duck, shrub or tropical fish?

IN-QUEST

- F** How many crew members is the Hermes 12?
- NT** What is the name of the special helmet that uses cathode ray tubes to relay information to a pilot?
- ER** At what voltage does power feed into modern heavy industry?
- SF** What is the name of the international body for the study of Astronomy?
- PE** Is the Arafura Sea in the Pacific, Indian or Atlantic ocean?
- LW** Which family of fishes do trout belong to – salmon, cod or halibut?

IN-QUEST

- F** Researchers have proposed a 'tube craft' that could streak through tunnels at 20,000 km/h. True or false?
- NT** What is a Mac-a-Mug?
- ER** How much oil was burned in power stations in the UK during 1988: 30,000, 350,000 or 3 million tonnes?
- SF** Astronomers divide the night sky into 88 areas. What are these known as?
- PE** How wide is the Earth around the equator – 2,057, 13,567 or 40,076 km?
- LW** What is the name of the species of wild dog that is Australia's only wild carnivore?

IN-QUEST

- F** The fog-missile is a jeep-mounted anti-tank missile. Is its guidance system radar, fibre optics or light contrast?
- NT** What machine is used to detect and measure radioactivity in rock samples in order to determine their age?
- ER** What is it called when two atoms come together and either exchange or share electrons?
- SF** Is a Parsec greater than, less than or equal to a light year?
- PE** Is the Kalahari desert found in Africa, Asia or Mexico?
- LW** What is the largest species of baboon called?

IN-QUEST

- F** The helicopter mine launches a battery of ground-to-air missiles at approaching aircraft. How does it know when to fire?
- NT** Does the omnimax horizontal film system use 15mm, 35mm, or 70mm film?
- ER** How many power stations does it take to generate and provide electrical power for England and Wales – 14, 74 or 104?
- SF** What is a star's brightness referred to as?
- PE** Is Algeria 2 times, 10 times or 25 times larger than Britain?
- LW** Water melons now grow throughout the tropics and subtropics. Where did they originate from – Asia, Africa, or America?

IN-QUEST

- F** Will future underground systems most likely be powered by magnetic induction, hydro power or solar drive systems?
- NT** What method is now being increasingly used to identify criminals by examining their DNA profiles?
- ER** How much coal would be equivalent to one tone of uranium in a Magnox reactor – 20, 200 or 20,000 tonnes?
- SF** What is the largest constellation in the night sky?
- PE** Mt Erebus and Mt Terror are volcanoes found on what continent?
- LW** In the winter stoats often develop white pelts. What are these pelts known as?

IN-QUEST

- F** What may be the clean alternative fuel source for cars of the future?
- NT** What is the most accurate and complicated clock in the world?
- ER** What gas is combined with oxygen to form a breathing mixture to reduce the danger of the bends for deep sea divers?
- SF** What is the technique for measuring stars known as?
- PE** Which two countries surround the gulf of Mexico?
- LW** What is the fastest-swimming fish in the world?

IN-QUEST

- F** What common disposal product today is likely to become recycled in the near future?
- NT** The new Oxford English dictionary is available on optical disk. How many disks are necessary for the entire dictionary?
- ER** In the electrical industry, what are gas turbines, oil boilers, nuclear reactors and windmills all referred to as?
- SF** Sirius is the brightest star in the night sky. Is its magnitude –1.46, 1.56, or 2.5?
- PE** Is Antarctica 52 times, 100 times or 200 times larger than Britain?
- LW** Where are mesquite trees found – Africa, Asia or America?

IN-QUEST

- F** What is the MD-2001?
- NT** What fully automated shuttle service in London runs completely on overhead tracks?
- ER** Power is generated at 25,000 volts, but for long distance transmission it is increased via transformers to what voltage?
- SF** What is the smallest constellation in the night sky?
- PE** What river flows through the Grand Canyon?
- LW** Are tucos-tucos a kind of tropical fish, a rodent found in South America or a lizard-like reptile found in Mexico?

IN-QUEST

	HG Wells	F
A-U-T-O-M-A-T-I-C-N		NT
Proteins, fats, or carbohydrates		ER
1965		SF
Afghanistan and Pakistan		PE
No		LW

Answers

IN-QUEST

▲

IN-QUEST	Answers
Animals	LW
The Sahara	PE
1930	SF
Yes	ER
Artificial Intelligence	NT
Giant man-eating plants from outer space	F

IN-QUEST	Answers
A single spirally fluted tusk	LW
A blizzard	PE
Canyon Diablo Crator	SF
Italy	ER
A new type of city being developed in Japan	NT
3 mph	F

California	F
A hologram	NT
China	ER
2480 years	SF
Arizona, USA	PE
A pride	LW

Answers

IN-QUEST

▲

F

NT

ER

SF

PE

LW

▲

IN-QUEST	Answers	▲	
	A forest in which trees shed their leaves	LW	
	The area at the foot of mountains	PE	
	Skylab, launched in 1973	SF	
	The Egyptians	ER	
	Sampling	NT	
	John F Kennedy	F	

IN-QUEST Questions

LW What is a deciduous forest?

PE What are Piedmonts?

SF What was the first manned astronomical observatory in space called?

ER What civilization is thought to have first cut and polished gems to increase their value?

NT What new innovation allows musicians to copy almost any sound?

F What President pledged that the USA would have a man on the Moon before 1970?

IN-QUEST Questions

LW How many different species of scorpions are there around the world? 400, 600 or 800

PE In what directions do rip-currents flow?

SF When were the Van Allen belts discovered, 1919, 1958, or 1978?

ER When was wheat first cultivated, 1500BC, 1200BC, or 800BC?

NT What is a daisy wheel used in?

F Who said "one small step for man, one giant leap for mankind"?

IN-QUEST Questions

LW What is the largest living lizard?

PE What is another name for pyrites?

SF Who was the first astronomer to use a telescope to study space?

ER What were the earliest oil drills made of?

NT What is NASA's deep space network?

F In what film did C3PO and R2D2 appear?

IN-QUEST Questions

LW Do fleas have wings?

PE If a river meanders, what does that mean?

SF What was the last manned space mission to land on the Moon?

ER How fast does the Earth orbit the Sun?

NT Which European coast have wave power generators been designed for?

F What message did China's first satellite repeatedly broadcast?

IN-QUEST Questions

LW Is a markhor a type of mountain goat, a deep sea fish, or a bird of prey?

PE What is the largest mountain in Greece?

SF Who developed the first rocket the USA, the USSR, or Germany?

ER The most powerful man-made explosion was a 58-megaton hydrogen bomb. Was the test site in USSR, USA or China?

NT What is used to neutralize the effects of acid rain?

F Who was the first US woman in space?

IN-QUEST Questions

LW What is a family of lions called?

PE Where is the Painted Dessert?

SF How many years does it take Pluto to orbit the Sun, 24 years, 240 years, or 2,480 years?

ER What country invented gunpowder, China, England, or Syria?

NT What is a 3-D picture called?

F In what US state is Edwards Airforce Base?

IN-QUEST Questions

LW What feature does a Narwhal share with the mythical unicorn?

PE What is a whiteout?

SF One of the largest known meteorite craters is located in Winslow Arizona, USA. What is it called?

ER The city of Pompeii was destroyed by a volcanic eruption in AD 79. In what modern country are its ruins found?

NT What is technopolis?

F What is the top speed the space shuttle is moved from its hanger to the launch site? 3 mph, 7 mph, or 15 mph.

IN-QUEST Questions

LW Are sea cucumbers, animals, vegetables, or minerals?

PE What is the worlds largest desert?

SF When was the Planet Pluto discovered, 1790, 1860, or 1930?

ER Does the sun give off radio signals?

NT In the computer industry what does A.I stand for?

F In John Wyndham's novel *The Day of the Triffids*, what were the Triffids?

IN-QUEST Questions

LW Do birds have eyes that are movable in their sockets?

PE The Khyber Pass runs between what two countries?

SF When was the first space walk, 1962, 1965, or 1969?

ER Name two of the three principle constituents of food?

NT How do you spell automation?

F Who wrote *The Time Machine*?

IN-QUEST

Answers

▲

LW

Alan Turing

PE

Over 800 km/h

SF

On Jupiter

ER

The Nile

NT

The caesium atomic clock at the National Physical Laboratory, UK

F

Buckminster Fuller

IN-QUEST

Answers

▲

LW

1.5 kg

PE

The Mammoth Cave System, Kentucky, USA

SF

False, it is one sixth of the Earth's

ER

Old banknotes

NT

Measuring wind speed

F

False - it is orange

IN-QUEST

Answers

▲

LW

50 years

PE

Toothpaste

SF

An anti-missile missile in the US Star Wars programme

ER

In the brain

NT

Cameras

F

To build an underground complex with power stations, offices, homes etc

IN-QUEST

Answers

▲

LW

The blue whale

PE

12,000 atom bombs

SF

Titan

ER

Anaesthetics

NT

True

F

Integrated Services Digital Network

IN-QUEST

Answers

▲

LW

The hermit crab

PE

Minute flakes of human skin

SF

Voyager 2

ER

Australia

NT

A plastic explosive favoured by terrorists

F

Japan

IN-QUEST

Answers

▲

LW

Avoid obstacles and find prey

PE

Dense, semi-liquid rock beneath the Earth's crust

SF

Charon

ER

On a roller-coaster

NT

To dress wounds; it aids healing

F

The treatment of cancer

IN-QUEST

Answers

▲

LW

About 125 million

PE

The Marianas Trench, Pacific Ocean

SF

Blue-green

ER

Crushing scrap metal, especially cars

NT

A Thermal Image Camera

F

Pocket televisions

IN-QUEST

Answers

▲

LW

Spots on its wings resemble large eyes

PE

Earthquakes

SF

Tiny ice-covered rocks

ER

China

NT

Weather forecasting

F

\$20 million

IN-QUEST

Answers

▲

IN-QUEST

Answers

▲

IN-QUEST

Answers

▲

IN-QUEST ▲

Questions

LW How many light-sensitive cells are there on the human retina – 25 million, 75 million or 125 million?

PE What is the Earth's lowest point?

SF What colour is Uranus?

ER What is a Lindemann Shredder used for?

NT A type of camera is used when searching for earthquake survivors. What is it called?

F LCD screens are a crucial component of what?

IN-QUEST ▲

Questions

LW How does the emperor moth frighten off predators?

PE A seismologist studies: a) insects b) the weather c) earthquakes. Which?

SF What are Saturn's rings made of?

ER Where did acupuncture originate?

NT What are radiosonde balloons used for?

F A Cray Superscomputer costs around \$20, \$30 or \$40 million?

IN-QUEST ▲

Questions

LW The maximum lifespan of a lobster is 25, 50, or 75 years?

PE Peppermint oil, glycerine glycol, seaweed extract, chalk, detergent – all ingredients of what?

SF What is a 'Brilliant Pebble'?

ER Where is a person's cortex?

NT An Imax and Omnimax are used in the film industry. What are they?

F What is the aim of the Japanese government's Geofrontier Project?

IN-QUEST ▲

Questions

LW What is the largest animal that has ever existed?

PE The world's strongest earthquake (in Alaska, 1964) was equivalent to 12,600 or 12,000 atom bombs?

SF What is Saturn's largest moon called?

ER What are medicines used to stop pain called?

NT Ceramics similar to the porcelain used for china cups is used in racing car engines. True or false?

F What do the initials ISDN stand for?

IN-QUEST ▲

Questions

LW What is the largest species of lizard?

PE How far is it to the centre of the Earth?

SF Venus is surrounded by clouds. Of what are they largely composed?

ER The lead in petrol is dangerous to children. What part of the body does it especially harm?

NT A fully laden 200,000 tonne tanker stopping distance when coming into port is 9.25, 19.25 or 29.25 km?

F What are French high-speed trains called?

IN-QUEST ▲

Questions

LW Echolocation helps bats to do what?

PE What is magma?

SF A moon of Pluto was discovered in 1978. What is it called?

ER Where at a fairground would you be most likely to experience G force?

NT Sodium alginate found in seaweed is being tested for what medical purpose?

F What is a major medical use for proton accelerators?

IN-QUEST ▲

Questions

LW Who was responsible for the basic design of the electronic computer?

PE The wind speed inside a tornado has been estimated at over 200, 600 or 800 km/h?

SF Where is the Great Red Spot?

ER What is the world's longest river?

NT What measures the 'NPL second'?

F Who first developed the geodesic dome?

IN-QUEST ▲

Questions

LW A species of crab makes any shell it can find its home. What is it called?

PE What do dust mites feed on?

SF What spacecraft radioed back pictures of Neptune to Earth in 1989?

ER Which country is famous for its white and black opals?

NT What is Semtex?

F Which country has pioneered the building of precast houses?

IN-QUEST ▲

Questions

LW How much does the human brain weigh?

PE What is the world's most extensive cave system?

SF The Moon's gravity is the same as the Earth's. True or false?

ER What powers the central heating at the Bank of England?

NT What is an anemometer used for?

F The black box flight recorder of an aircraft is actually pink. True or false?

IN-QUEST

LW Which is the largest modern land animal?

PE Which is the largest and most powerful plane in the world?

SF In what currency will you find a laser-engraved pattern?

ER Which country has the greatest number of frontiers?

NT How long does it take the Earth to spin on its axis?

F Smart windows in cars in the future will be light sensitive, mist-free or self-cleaning?

IN-QUEST

LW If your lungs were fully stretched out, they would cover a whole tennis court, true or false?

PE In how many countries of the world is Coca-Cola sold: 57, 157 or 257?

SF What is the space shuttle's MMU?

ER The largest papermill in the world produces 50, 100 or 150,000 tonnes a year?

NT What is a radio telescope?

F Talking money is soon to be issued, true or false?

IN-QUEST

LW What living thing photosynthesises: plants, animals or humans?

PE Which is the world's top sugar producer, Cuba, USSR, or Brazil?

SF A certain type of bacteria grown on petrol can be used as a source of food, true or false?

ER The Faversham Oyster Fishery is the oldest recorded company. When did it start: 1189, 1256, or 1729?

NT Why is the moon completely silent?

F A Japanese inventor has made a pillow to teach during sleep, prevent insomnia or stop snoring?

IN-QUEST

LW Whose brain is heavier, men's or women's?

PE Which is the longest river in the world?

SF John Logie Baird gave the first public demonstration of the television in 1935, 1920 or 1926?

ER The oldest working clock in the world dates from 1386, 1586 or 1886?

NT What is a constellation?

F What is the material used for making artificial bones: plastic, carbon-fibre or ceramic?

IN-QUEST

LW Which is the tallest land animal today?

PE How many planets are there in the solar system: 7, 8 or 9?

SF The Oshkosh fire engine can fill an Olympic-sized swimming pool in 30 minutes - what is it used for?

ER What provides the light in a lightbulb?

NT A telescope in the Lick observatory, USA also serves as a tomb, true or false?

F The next 30 years could see a global warming of 5°C, 10°C or 15°C?

IN-QUEST

LW What are invertebrates?

PE Which one of the Seven Wonders of the World is still standing?

SF What is cybernetics?

ER *Star Trek*, the most expensive 1979 movie, cost \$21, \$31 or \$41 million?

NT In Arabic is "shurmakabishashur" the name for a star, a planet or a goddess?

F Visual computer language is based on pictures, a picture alphabet or a speaking screen?

IN-QUEST

LW At what age is the average female taller than the average male: 12, 14 or 16?

PE What is the name of the mark that shows how deep in the water a ship may go?

SF Safety demands that airliners be at least 300 m, 400 m or 500 m vertically apart?

ER Which country makes the most bicycles: Japan, USSR, or China?

NT Is the Moon older, younger or the same age as Earth?

F Hi-Vision is Japan's technology for high-definition TV, satellite TV or wall-mounted TV?

IN-QUEST

LW What part of the body is your abdomen?

PE Earth is the 3rd, 4th or 5th planet from the sun?

SF What makes a laser disc special?

ER What is the division of white light into the 7 colours of the rainbow called?

NT Since when have the USA and the USSR been launching unmanned spacecraft: 1962, 1965 or 1968?

F 5 seconds of music takes up the same amount of computer memory as 500 pages of writing, true or false?

IN-QUEST

LW Which bird lays the largest eggs?


PE Which are the most northerly and southerly capitals of the world?

SF Lasers are widely used for many things, what are three places you might be likely to see them?

ER Which is the busiest frontier in the world?

NT The Moon always keeps the same face towards Earth, true or false?

F Which nation has discovered a way to accelerate the ageing of wines and spirits, USA, France or China?

IN-QUEST 

Answers

LW The stomach


PE 3rd

SF The fact that they are amazingly tough

ER A spectrum

NT 1962

F True

IN-QUEST 

Answers

LW Women


PE The Nile in Egypt

SF 1926

ER The mechanical clock in Salisbury cathedral which dates back to 1386

NT A group of stars which appear to make a shape or patterns in the sky

F Ceramic is one of the best hopes for

IN-QUEST 

Answers

LW True


PE 157

SF The Manned Maneuvering Unit – the powered backpack that lets an astronaut fly around freely in space

ER The Union Camp Corp at Savannah USA produces 100,000 tonnes of paper a year

NT A telescope designed to collect radio waves from Space

F True, Canada is to issue \$10 notes for the blind capable of being read by a pocket electronic device

IN-QUEST 

Answers

LW 12 years


PE The Pimsoil line named after Samuel Pimsoil

SF 300m

ER China which makes 3 times more than its closest rivals USSR and Japan

NT About the same age

F High definition TV

IN-QUEST 

Answers

LW Plants


PE Brazil, which produces 9,200,000 tonnes per year

SF True, it multiplies at a rate of 32,000,000 a day and can be processed into a highly nutritious food

ER 1189

NT Because there is no air to carry sound from one place to the other

F Stop snoring

IN-QUEST 

Answers

LW The African elephant


PE Boeing 747 (jumbo jet) which can carry up to 500 passengers

SF Sterling – a British £50 note

ER China – it rubs shoulders with 13 other countries

NT 24 hours – or 23 hours 56 minutes

F Light sensitive, controlling the amount of light and heat passing through

IN-QUEST 

Answers

LW The ostrich, 15–20 cm long


PE Reykjavik in Iceland to the north and Wellington, New Zealand to the south

SF Pop concerts, films, TV, discos, street decoration and laser light shows

ER The border between Mexico and the USA

NT True

F China

IN-QUEST 

Answers

LW Animals without backbones


PE The pyramids in Egypt

SF The science of control and communication in both machines and living organisms

ER \$21 million

NT A star and it means 'under the Southern horn of the bull'

F A language based on pictures

IN-QUEST 

Answers

LW The giraffe

PE 9

SF To tackle aircraft fires

ER A tungsten coil

NT True, it contains the remains of James Lick, who paid for the observatory and who died in 1876

F Most likely 5°C with a polar warming of 12°C

IN-QUEST

Answers

LW

24

PE

½ metre

SF

There is no bright star at the celestial south pole

ER

746

NT

The first atomic bomb (dropped on Hiroshima in 1945)

F

Venus

IN-QUEST

Answers

LW

70 on average

PE

About 200 million

SF

7 people

ER

True

NT

Just over 3,000 km

F

Smart cards

IN-QUEST

Answers

LW

True (two at front and three small ones on top)

PE

Romania

SF

1987 (in February, visible from the southern hemisphere)

ER

Avocado

NT

False (it does get taller but only by 150 mm)

F

Produce nuclear fusion

IN-QUEST

Answers

LW

About 9 metres for an adult

PE

23 hours 56 minutes

SF

Saturn (it has 23)

ER

Bauxite

NT

Tungsten

F

Eating cheese before a sweet (the calcium seems to protect the tooth enamel)

IN-QUEST

Answers

LW

Throat (it controls the rate of food conversion)

PE

Lisbon

SF

29½ days

ER

The cochineal beetle

NT

1928

F

60 cm diameter

IN-QUEST

Answers

LW

About 5 minutes

PE

It does not exist

SF

Magnitude 6 (mag 1 is very bright, mag 10 extremely dim)

ER

3 volts

NT

Inside the body (it uses fibre optics in a flexible tube)

F

Anything (the fuel is burned outside the engine so any fuel will do)

IN-QUEST

Answers

LW

The uvula

PE

21 people (in Zimbabwe in 1975)

SF

About 300

ER

Canada

NT

911

F

True (using a scanning electron beam)

IN-QUEST

Answers

LW

5

PE

North Canada

SF

150

ER

17th century (they were brought from South America)

NT

Amber and red together

F

They already exist (on sale in Japan)

IN-QUEST

Answers

LW

Rapid Eye Movement

PE

USA (31,102 mm in a year at Mt Rainer, Washington)

SF

Skylab

ER

Electron

NT

Front-wheel drive

F

Austria

IN-QUEST

Questions

- LW** Bees have five eyes – true or false?
- PE** In which country is Transylvania – Romania, Bulgaria or nowhere, because it doesn't exist?
- SF** When was the most recent supernova visible from Earth – 1006, 1654 or 1987?
- ER** Gram for gram, which fruit or vegetable is the most fattening – banana, potato or avocado?
- NT** Metal expands when it's hot, so the Eiffel Tower is 1.5 m taller in summer than winter – true or false?
- F** In the Tokamak plant are scientists trying to – create new particles, make antimatter or produce nuclear fusion?

IN-QUEST

Questions

- LW** If you are sitting quietly how many times does your heart beat a minute – 30, 70 or 120?
- PE** What was the world's population in the year 1AD – 2 million, 9 million or 200 million?
- SF** How many people can the Space Shuttle carry – 5, 7 or 10 people?
- ER** Natural gas used to be burnt off as a waste product of oil drilling – true or false?
- NT** How far can a cruise missile travel to its target – 1,000 km, 3,000 km or 5,000 km?
- F** What are credit cards that have memory chips built into them called?

IN-QUEST

Questions

- LW** How many hen's eggs weigh the same as one ostrich's egg – 9, 24 or 60?
- PE** How far does a single snowflake fall in one second – ½, 1 or 5 metres?
- SF** What is the name of the star at the celestial south pole – Centaurus, Australis or there is no star at the pole?
- ER** How many watts are equivalent to one horse power – 156, 506 or 746?
- NT** Was 'Little Boy' – the first jet fighter, the first atomic bomb or the first anti-satellite missile?
- F** Which planet will the new Magellan spacecraft visit – Mars, Venus or Jupiter?

IN-QUEST

Questions

- LW** How long would it take for a shoal of piranhas to eat a cow – 20 seconds, 1 minute or 5 minutes?
- PE** Where is Shangri-La – in Tibet, China or it does not exist?
- SF** How bright does a star have to be to be visible to the naked eye – magnitude 10, 6 or 1?
- ER** If you put two 1½ volt batteries in series would you get 1½ V, 1½ V or 3 V?
- NT** What is an endoscope used for looking at – the eye, inside the ear or inside the body?
- F** What fuel will cars fitted with *external* combustion engines use – gas, oil, coal or anything that burns?

IN-QUEST

Questions

- LW** Where is the thyroid gland – in your throat, stomach or brain?
- PE** Which capital city in Europe is the furthest west – Dublin, Lisbon or Paris?
- SF** How long is it between one full moon and the next – 26½, 27, 28 or 29½ days?
- ER** Where does the red dye cochineal come from – a type of tree bark, a type of seed or a type of beetle?
- NT** When was the electric razor invented – 1928, 1948 or 1960?
- F** What size receiver dish do you need to pick up satellite TV – 30, 60 or 90 cm?

IN-QUEST

Questions

- LW** How far does food travel on its journey through your body – 2, 9 or 14 metres?
- PE** How long does it take the Earth to turn on its axis – 23 h 56 m, 24 hours or 24 h 4 m?
- SF** Which planet has the most moons – Jupiter, Saturn or Neptune?
- ER** Which mineral ore does aluminium come from – bauxite, calcite or olivine?
- NT** What is the filament inside a modern light bulb made of – tungsten, titanium or carbon fibre?
- F** What reduces tooth decay – eating cheese before a sweet, sucking a lemon or eating rhubarb after meals?

IN-QUEST

Questions

- LW** Dreaming sleep is sometimes called REM sleep. What does REM stand for?
- PE** Which country holds the record for the greatest snowfall in one year – Antarctica, Canada, or USA?
- SF** What was the name of the US space station of the 1970s – Skylab, Spacelab or Eureka?
- ER** Which of these atomic particles has a negative charge – proton, neutron or electron?
- NT** If your car is stuck in snow is it best to have front-wheel drive or rear-wheel drive?
- F** One country issues hologram postage stamps. Is it – Luxembourg, Austria or the New Hebrides?

IN-QUEST

Questions

- LW** How many petals are there on a buttercup – 4, 5 or 6?
- PE** Where is the north magnetic pole – at the north pole, over Greenland or over North Canada?
- SF** How many meteorites fall to Earth each year – 150, 1,000 or 1 million?
- ER** When were potatoes first seen in Ireland – the 14th century, 17th century or they have always been there?
- NT** What comes next in this sequence of traffic lights, green, amber, red, ...?
- F** When will cameras with video discs that can be viewed on TV be available – 1 year, 5 years, 10 years or now?

IN-QUEST

Questions

- LW** What is the name of the flap of skin that hangs down at the back of your throat?
- PE** What is the record number of people killed by one lightning bolt – 3, 12 or 21?
- SF** How many active satellites are in orbit – 300, 3,000 or 10,000?
- ER** Which country exports the most wood – Sweden, USSR or Canada?
- NT** What number do you dial to call the emergency services in the USA – 999, 911 or 900?
- F** It is possible to write the entire Encyclopedia Britannica on the head of a pin – true or false?

IN-QUEST

Questions

- LW** Do any mammals lay eggs? If 'yes', name one.
- PE** How many different words do the Eskimos have for snow – 20, 30 or 40?
- SF** What gas is the Sun mostly made of – hydrogen, helium or oxygen?
- ER** Which nation drinks the most coffee per head – the USA, Finland or France?
- NT** What is the name of the world's largest class of aircraft carrier – Invincible, Nimitz or Kiev?
- F** What super-hard lens coating is made using high temperature methane and hydrogen – teflon, diamond or lavlar?

IN-QUEST

Questions

- LW** Which colour eyes are the most sensitive to light – blue, brown, grey or hazel?
- PE** How far apart are the lines of longitude on a map – 60 km, 100 km or 110 km?
- SF** Is a Martian day much longer, shorter or about the same as an Earth day?
- ER** Which of these is NOT made of plastic – celluloid, cellophane, polythene or bakelite?
- NT** What is the proper name for the 'mileometer' of a car?
- F** Hand-held satellite receivers can fix your position on Earth. Are they accurate to 6, 60 or 200 metres?

IN-QUEST

Questions

- LW** Is it possible to keep your eyes open when you sneeze?
- PE** What is the coldest temperature recorded on Earth – about -40°C , -70°C or -90°C ?
- SF** The Soviets are planning a manned mission to Venus for the 21st century – true or false?
- ER** If you ate 'bamboo chicken' in Belize, what would it be – alligator, armadillo or iguana?
- NT** How many holes are there in a sheet of Filofax paper – 2, 4, 6 or 8?
- F** Volvo are designing a low petrol consumption car. Will it do – 80 km, 120 km or 180 km per gallon?

IN-QUEST

Questions

- LW** Do snails have teeth?
- PE** What is the time difference between one end of the USSR and the other – 4, 7 or 11 hours?
- SF** In 5 billion years our Sun will turn into – a white dwarf, a red giant or a supernova?
- ER** In an electric plug what colour is the live wire – brown, blue or green?
- NT** If you were given a Countach for Christmas what would you have – a hi-fi, a computer or a car?
- F** Which of the following is NOT a spin-off of the space programme – velcro, cordless drill or microprocessor?

IN-QUEST

Questions

- LW** Dentures were once made from teeth taken from dead bodies – true or false?
- PE** Which country has the greatest population – India, China or Soviet Union?
- SF** What is an Extravehicular Mobility Unit – a personal rocket pack, a mechanical arm or a spacesuit?
- ER** About how many millions of tonnes of fish are caught each year – 2, 20 or 75?
- NT** Which hand do you use to operate the clutch lever on a motorbike?
- F** When will the next total eclipse of the Sun be visible in Britain – 1991, 1999, or 2014?

IN-QUEST

Questions

- LW** The royal antelope is the world's smallest deer. How high is it – 30 cm, 50 cm or 80 cm tall?
- PE** How hot is the centre of the Earth – 900°C , $4,000^{\circ}\text{C}$ or $12,000^{\circ}\text{C}$?
- SF** Which planet, when viewed through a telescope shows phases like the Moon – Venus, Mars or Saturn?
- ER** What is the voltage of the home electricity supply in Britain – 220, 240 or 250 volts?
- NT** What sort of machine is a Luger?
- F** How fast do maglev trains travel – 150 km/h, 300 km/h or 450 km/h?

IN-QUEST

Questions

- LW** There is only one group of mammals that can fly – which is it?
- PE** Can lightning strike twice in the same spot – yes or no?
- SF** What does the word 'nebula' literally mean?
- ER** About how many people on this planet do NOT get enough to eat – a quarter, a third or a half?
- NT** In the UK is the hot tap generally on the left-hand side or the right-hand side, or is it just chance?
- F** Astronomers are looking forward to using the Hubble Space Telescope – where will it be located?

IN-QUEST

Questions

- LW** How many stomachs does a cow have – 1, 3 or 4?
- PE** Which continent is the most densely populated – Asia, North America or Europe?
- SF** What is the American name for the constellation known as the Plough – the Pan Handle, Big Dipper or Griddle?
- ER** How much coal would you have to burn to generate as much power as 1 kg of uranium fuel – 300, 5,000 or 30,000 kg?
- NT** What does an anemometer measure – electric current, wind speed or blood pressure?
- F** If you fed pigs on low-cholesterol fat would you get low-cholesterol bacon?

IN-QUEST

Questions

- LW** Humans can breathe and swallow at the same time – true or false?
- PE** What do Mt Vesuvius, Mt St Helens and Krakatoa have in common?
- SF** What is the name of the bright white star in Orion – Rigel, Vega or Regal?
- ER** If you left the fridge switched on with the door open would the kitchen get warmer, cooler or stay the same?
- NT** On a bicycle does the right hand lever work the front or rear brake?
- F** Where was a genetically engineered bacteria to prevent frost damage released outdoors – Sweden, Russia, Japan or USA?

IN-QUEST

Answers

LW

No

PE

About -90°C

SF

False – conditions on Venus are far too inhospitable

ER

Iguana (tasty!)

NT

6

F

120 km per gallon

IN-QUEST

Answers

LW

Blue

PE

110 km

SF

About the same (just over 40 minutes longer)

ER

Cellophane – it is made of the plant fibre, cellulose

NT

The odometer

F

60 metres

IN-QUEST

Answers

LW

The duck-billed platypus and the spiny anteater lay eggs

PE

20

SF

Hydrogen

ER

Finland

NT

Nimitz

F

Diamond

IN-QUEST

Answers

LW

Less than 30 cm tall

PE

4,000°C

SF

Venus (Mercury does too)

ER

240 volts

NT

An automatic pistol

F

450 km/h

IN-QUEST

Answers

LW

True – they were popular after the Battle of Waterloo

PE

China

SF

A spacesuit

ER

75 million tonnes – about 20 kg per person each year

NT

The left hand

F

1999 (in mid-August)

IN-QUEST

Answers

LW

Yes – there are rows of teeth along its tongue

PE

11 hours

SF

A red giant – the white dwarf phase comes much later

ER

Brown

NT

A car

F

The microprocessor

IN-QUEST

Answers

LW

True – but only up to an age of 6 months

PE

They are all volcanoes

SF

Rigel

ER

Warmer – because the motor that pumps heat out from inside the fridge has to work harder, and so gets hotter

NT

The front brake

F

The USA in California

IN-QUEST

Answers

LW

4

PE

Europe

SF

The Big Dipper

ER

30,000 kg

NT

Wind speed

F

Yes – such pigs have been reared in Texas

IN-QUEST

Answers

LW

Bats

PE

Yes

SF

Cloud – nebula is latin for cloud

ER

A half

NT

Left

F

In orbit round the Earth on an artificial satellite

IN-QUEST

Answers

LW A sloth

PE New York

SF 1981 (20 years after USSR's Gagarin made the first manned space flight)

ER In water

NT Between the engine and gearbox

F Electronic music

IN-QUEST

Answers

LW The human (but the elephant and whale live almost as long)

PE Monsoons

SF The Great Wall of China

ER The USA

NT 78 rpm

F 3

IN-QUEST

Answers

LW Bee stings

PE From Russia (for \$7,200,000 in 1867)

SF A few thousand

ER Yes, they are issued in Scotland

NT Lhasa, Tibet

F True

IN-QUEST

Answers

LW In nests in trees

PE Afghanistan and Pakistan

SF Mercury – it spins in 176 days but orbits the Sun every 88 days

ER About 1,500

NT 173

F About 3 seconds (2% to be precise)

IN-QUEST

Answers

LW Group 0

PE S-I-C-I-L-Y

SF The Hunter

ER Milk

NT 1743 (built for King Louis XV of France)

F The USA

IN-QUEST

Answers

LW 2 weeks

PE True

SF Either Phobos or Deimos

ER Crude oil – it does import sand for building, and also camels.

NT False – but he was the first to fly solo.

F Yes, in very small quantities.

IN-QUEST

Answers

LW A drey

PE Egypt

SF Away from the Sun

ER It will remain the same

NT Mexico – Quetzacoatl has a total volume of 3,000,000 m³. The tallest – Cheops in Egypt – has 2.5 million m³ total volume.

F 20,000 edible plants exist that could be used for food

IN-QUEST

Answers

LW Yes (they have four sets throughout their life)

PE 20 metres

SF Polaris

ER Gin

NT In a mechanical clock or watch

F Sunracer (max speed of 75 km/h without using batteries)

IN-QUEST

Answers

LW A mammal

PE Plants (it's 'breathed out' during photosynthesis)

SF About 90

ER The bark

NT Anti-clockwise

F Sweet but without calories

IN-QUEST

LW About how long do houseflies live – 3 days, 2 weeks or 3 months?

PE The average temperature in Reykjavik (in Iceland) is higher than in New York – true or false?

SF Can you name either of Mars' moons?

ER Which one of these items does Saudi Arabia NOT import – sand, camels or crude oil?

NT Charles Lindbergh was the first man to fly across the Atlantic – true or false?

F Has anyone been able to make anti-matter – yes or no?

IN-QUEST

LW Which kills most people – bee stings or snake bites?

PE The USA bought Alaska, but from which country?

SF How many stars can you see with the naked eye on a dark night – a few hundred, a few thousand or a few million?

ER Are £100 notes legal tender in the UK – yes or no?

NT Where is the world's highest airport – La Paz (Bolivia), Cuzco (Peru), Lhasa (Tibet)?

F Genetic engineers have added a firefly gene to a tobacco plant making a plant that glows in the dark – true or false?

IN-QUEST

LW Which is the most common blood group – O, A, B, or AB?

PE Spell the name of the island at the tip of Italy's boot.

SF What character is Orion – the Hunter? Horse, the Bear Driver or the Winged?

ER What food separates into curds and whey?

NT When was the first passenger lift used – 1682, 1743 or 1854?

F Which of these countries has NOT produced a maglev train – the USA, Japan, W. Germany or Britain?

IN-QUEST

LW Which mammal has the longest lifespan – Man, the elephant or the whale?

PE What are strong seasonal winds called in the Indian Ocean?

SF What man-made structure on Earth is visible from the Moon?

ER Which country imports the most oil – the USA, Japan or Australia?

NT What speed did early gramophone records spin at – 66, 76 or 78 rpm?

F What does the binary number 11 stand for in ordinary decimal numbers – 2, 3 or 11?

IN-QUEST

LW Where do gorillas sleep at night – in dens on the ground, in nests in trees, or out in the open?

PE Name one of the two countries joined by the Khyber Pass?

SF Which planet has a 'day' that is twice as long as its 'year' – Mercury, Venus or Pluto?

ER How many crocuses are needed to produce 10 grams of saffron – 100, 1,500 or 25,000?

NT How many grooves are there round the edge of a 5 pence piece – 57, 119 or 173?

F If you made a phone call to a lunar base, how long would you have to wait for the reply – ½, 3 or 12 seconds?

IN-QUEST

LW What is the name for a group of bears – a skulk, a gang or a sloth?

PE Which great city lies on the Hudson river in the USA – Chicago, Boston or New York?

SF What year was the first Shuttle flight made – 1979, 1981 or 1984?

ER Does sound travel faster in air or water?

NT Where is the clutch on a car – between the engine and gearbox, or between the gearbox and wheels?

F What is the MIDI computer language used to control – electronic music, artificial limbs or robot arms?

IN-QUEST

LW Is a dolphin a fish, reptile or mammal?

PE Where does the oxygen in the air come from?

SF About how many satellites does the USSR launch a year – 40, 90 or 310?

ER What part of a tree does cork come from – the wood, the seed casing or the bark?

NT Do you open a tap by turning clockwise or anti-clockwise?

F Do 'left-handed' sugars, whose molecules mirror image sugar, taste – bitter, sweeter, or sweet but without calories?

IN-QUEST

LW Do elephants have teeth?

PE The greatest tides on Earth are found in the Bay of Fundy in Canada. What is their range – 10, 20 or 50 metres?

SF What is the name of the pole star?

ER What alcoholic drink is flavoured with juniper berries – gin, vodka or kirsch?

NT Where would you find an escapement, a mainspring and a balance wheel?

F Name the solar-powered car that won the 3,000 km race in Australia in 1987 – Sunseeker, Sunracer or Sunrunner?

IN-QUEST

LW What is a squirrel's home called – a den, drey orholt?

PE In which country does the Nile reach the sea – Uganda, Ethiopia or Egypt?

SF Does a comet's tail point towards or away from the Sun?

ER A glass of water with an ice cube is full to the brim. When the ice melts, will the level drop, remain the same or overflow?

NT Where is the largest pyramid – Mexico, Egypt or Peru?

F Most people eat fewer than 100 different plant crops. How many could be used in the future – 1,000, 8,000 or 20,000 crops?

IN-QUEST

Answers

LW

Over a kg

PE

Ladoga lake in the USSR

SF

29.8 km per sec

ER

36,000 people

NT

Towed Ocean Bottom Instrument

F

True

IN-QUEST

Answers

LW

South America

PE

Germany

SF

5,000°c

ER

Water

NT

Gamma waves

F

50 per cent

IN-QUEST

Answers

LW

The study of the geoid, or the Earth's level surface

PE

Brazil

SF

23° 27'

ER

A gas

NT

To develop super-fast, optical computers

F

Yes

IN-QUEST

Answers

LW

6 tonnes

PE

Twice the size of Europe

SF

176 days

ER

Red

NT

Radioactive carbon-14 dating

F

Chernobyl

IN-QUEST

Answers

LW

The King Cobra

PE

Florida, USA

SF

365.26 days

ER

Jumbled deposits of rock left by receding ice sheets or glaciers

NT

AZT

F

Washington DC, USA in 1970

IN-QUEST

Answers

LW

India

PE

Arabian sea

SF

-23°C

ER

Iran

NT

10 micrometers

F

No, during the next century

IN-QUEST

Answers

LW

The snow leopard

PE

7,000

SF

150 million km

ER

A type of sandstone

NT

Hydrosweep

F

Yes

IN-QUEST

Answers

LW

A type of cereal

PE

The South Atlantic

SF

10,759.22 days

ER

The Gulf of Mexico

NT

To scan patients for brain tumors

F

Stress reduction

IN-QUEST

Answers

LW

The emperor penguin

PE

Sweden, Norway and the USSR

SF

The Milky Way

ER

Aluminium

NT

True

F

35,000 miles

F In the future will satellites in orbit around the Earth be tethered together?

NT AT & T Bell laboratories are leading the world in the race to harness the speed of light. What for?

ER Is krypton a gas, mineral or liquid?

SF What is the Earth's axial inclination: 23°, 27°, 26° 44' or 28° 48'?

PE What is the largest country in South America?

LW What is the study of geodesy concerned with?

IN-QUEST

F Do scientists hope to chart the world's ocean floor before the year 2000?

NT How small is the world's finest optical switch: 50, 25 or 10 micrometers?

ER Where is the great salt desert: China, Iran or the USA?

SF What is the mean surface temperature of Mars: 350°C, 22°C or -23°C?

PE The Indus river runs 2,700 km before it reaches which sea?

LW Is Patchouli oil from Mexico, India or Australia?

IN-QUEST

F How far does a satellite have to go to reach geo-stationary orbit?

NT Superconductors have to be cooled to within a few degrees of absolute zero. True or false?

ER What is the most abundant metal in the Earth's crust?

SF What is a common name for our Galaxy?

PE What are they?

LW Which is the larger, an emperor penguin or a Galapagos penguin?

IN-QUEST

F The UK government has targeted the recycling of household rubbish for the year 2000 as 25, 50 or 100 per cent?

NT Cobalt-60 is an unstable element that emits alpha, beta or gamma waves?

ER Are nature bridges and natural arches caused by wind or water?

SF What is the Sun's mean temperature: 500°C, 1,000°C, or 5,000°C?

PE Are the Harz mountains in Germany, Iran, or Puerto Rico?

LW Where do harpy eagles live: Australia, South America, or Europe?

IN-QUEST

F Earth day is an event held each year by environmentalists. When and where was the first Earth day celebration?

NT Many AIDS sufferers now use a drug that blocks parts of the virus from attacking cells. What is it called?

ER What are moraines?

SF How long is Earth's sidereal revolution period?

PE Where are the Everglades: the USA, Ethiopia, or Brazil?

LW Which cobra preys on other types of snake?

IN-QUEST

F In the future, people may go to synchro-energize salons for facelifts, haircuts or stress reduction?

NT Scientists use computer-controlled X-rays to scan fossilized skulls. What do doctors use this method for?

ER What is the largest gulf in the world?

SF What is Saturn's sidereal revolution period: 108, 1260.5 or 10,759.22 Earth days?

PE The Sandwich, South Shetland and South Orkney islands are all in the Indian Ocean, South Pacific or South Atlantic?

LW Is sorghum a type of cereal, a large shrub, or a species of tropical fish?

IN-QUEST

F Optical computers could be 1,000 times as powerful as today's supercomputers, true or false?

NT Scientists studying ocean floors sometimes use a TOBI. What does this stand for?

ER How many people were killed when Krakatoa exploded: 360, 3,600 or 36,000?

SF What is the mean orbital velocity of the Earth: 47.9, 35, or 29.8 km per sec?

PE What is the largest lake in Europe?

LW Ostriches lay large eggs. Do they weigh .25 kg, .5 kg, or over 1 kg?

IN-QUEST

F Nuclear reactors' future is now in some doubt. Where in the USSR did a near meltdown occur in 1986?

NT What is the most accurate method to test the age of ancient objects?

ER What colour are Bohemian garnets: green, red, or blue?

SF How many Earth days does it take Mercury to rotate on its axis three times: 11, 56, or 176 days?

PE Is North America twice the size of Europe, smaller, or about the same size?

LW How many tons of krill do blue whales eat in a day?

IN-QUEST

F Is a search being carried out by the world's astronomers for a tenth planet in our Solar System?

NT Marine scientists now use a new bathymetric mapping system: Aqua Driver, Hydroweep, or Neptune's ring?

ER What is grey wacke?

SF Roughly how far is the Earth from the Sun: 57, 150, or 600 million km?

PE The Philippines comprises: 3,000, 5,000, or 7,000 small islands?

LW The ounce is another name for what animal?

IN-QUEST

F A computerized photo-fit system designed to help police and crime witnesses identify criminals

NT A sea-skimming missile

ER Flight

SF 30 years

PE Oceania

LW A bend in a river

IN-QUEST **Answers**

F Every person's own unique design of DNA

NT 60 metres per second, and well aimed it can kill anything from a squirrel to a grizzly bear

ER Russia, it's the Soviet Mi-26 Halo

SF 'My Very Elderly Mother Just Stands Under Nut Plants'. Each capital letter stands for a planet.

PE True

LW True

IN-QUEST **Answers**

F True. Microvalves may be faster and harder than solid-state microchips

NT True. Voyager II was launched in August 1980, 2 years before Voyager I

ER They convert light into electricity

SF Mars

PE Drugs

LW Weil's disease, typhoid, bubonic plague (black death), rabies, salmonella

IN-QUEST **Answers**

F How old the owner of the teeth was

NT A defence missile

ER They are lighter than air

SF Cape Canaveral in Florida, USA

PE Mexico City, which has approximately 13 million people

LW Starling

IN-QUEST **Answers**

F By absorbing carbon dioxide they help to moderate the global warming

NT The turret

ER On the ocean floor

SF False; there is a dust that hangs in the air but it is red not green!

PE Australia

LW Female

IN-QUEST **Answers**

F 10 times their own weight

NT True

ER A nuclear reactor blew up in Chernobyl

SF A human-sized robot for retrieving tools and items accidentally lost while working in space

PE Lava

LW Groups A, B, O and AB

IN-QUEST **Answers**

F He was the first person in the world to be imprisoned on the evidence of genetic fingerprinting

NT The pilot ejector seat known as Advanced Concept Ejection Seat II

ER Crossing the Atlantic in a powerboat in record time

SF For the first time a British person will be launched into Space

PE A tidal wave

LW When they make food

IN-QUEST **Answers**

F A four-man vertical-take-off jet plane

NT A cable powered railway operated as an 'elevator' on steep slopes or hills

ER True, as you can do this against gravity

SF True

PE Peking

LW 10 cm thick

IN-QUEST **Answers**

F The Advanced Tactical Fighter

NT It's a plane

ER a) removing excess fat

SF False

PE The outer layer where mankind lives

LW The locust

IN-QUEST **Answers**

IN-QUEST

Questions

LW Photosynthesis is the process of plant a) food making, b) growth or c) reproduction?

PE What is a Tsunami, a) a tidal wave, b) a hurricane or c) a volcano?

SF What historical achievement will happen in Space in 1991?

ER What remarkable achievement did Lindstrand and Branson attain in July 1987?

NT Aces II is a) a football result b) a well-known chemical plant or c) a pilot ejector seat?

F In November 1987 Robert Mellas was so convicted in Bristol of rape. What was so special about his case?

IN-QUEST

Questions

LW Which bird sheds half its weight every day in droppings, the blue tit, the starling or the crow?

PE Which city is the most densely populated in the world?

SF Where was Saturn V launched from?

ER What do balloons and airships have in common?

NT What is a Seawolf, a type of fish, a defence missile or an exotic fish dish?

F In forensic dentistry what can tooth growth lines tell you?

IN-QUEST

Questions

LW What is a meander?

PE What was Australasia called originally, Oceania, Australia or Aussie-Land?

SF How long have humans been living and working in Space, 20 years, 30 years or 40 years?

ER What everyday phenomenon relies on the Bernoulli effect?

NT What is an Exocet?

F What is Videofit?

IN-QUEST

Questions

LW How thick is the whale shark's skin, 10mm, 10cm or 10m?

PE Beijing is the capital of China. What was it previously called?

SF Harrison Schmitt was the first real scientist to land on the Moon, true or false?

ER You can drink a glass of water standing on your head, true or false?

NT What is a funicular railway?

F Michael Jackson has ordered the first Moller 400. What is it?

IN-QUEST

Questions

LW Which is more deadly, the male or the female cobra?

PE Where do Aborigines come from, America, Austria or Australia?

SF Mars is covered in a fine green dirt so light that it hangs in the air, true or false?

ER You can find manganese in a) a Chinese meal, b) on the ocean floor or c) in a dental surgery?

NT Which is the most vulnerable point of a tank?

F How do trees affect the 'greenhouse effect'?

IN-QUEST

Questions

LW Bird Fanciers' Lung can be caught by inhaling dry pigeon droppings, true or false?

PE American scientists believe they can breed a cow 405 tonnes in weight, true or false?

SF What is the famous rhyme used to help people remember planets?

ER Who has built the largest helicopter in the world, USA, Germany or Russia?

NT How fast can an arrow travel per second, 50 metres, 60 metres or 70 metres?

F What are 'genetic fingerprints'?

IN-QUEST

Questions

LW The most destructive insect in the world can eat its own weight in food each day. What is it?

PE What is the Earth's crust?

SF The absence of gravity means you weigh more on the Moon than on Earth, true or false?

ER What is liposuction, a) removing excess fat, b) surgery on one's lips or c) a new vacuum cleaner?

NT Is the USA's new B-2 a plane or an army tank?

F What is the name of the plane that will be launched by the USA in the mid 1990s?

IN-QUEST

Questions

LW Name the four main human blood groups?

PE What is the liquid that spills from a volcano called?

SF What is the 'EVA Retriever'?

ER What terrible disaster happened in Russia on 26 April 1986?

NT The USA's new Advanced Tactical Fighter uses very short runways, true or false?

F The next generation of jet engines will produce a thrust of 10, 5 or 50 times their own weight?

IN-QUEST

Questions

LW Rats can carry many diseases, name one?

PE The word 'dadah' spells death in Malaysia, but what does it really stand for?

SF Which planet is being considered for man's first colony in the next century?

ER What are photovoltaic cells?

NT Voyager II was launched before Voyager I, true or false?

F Microscopic versions of the old-fashioned valve may replace the microchip. True or false?

IN-QUEST

Answers

Lizards

South

25,000 km

Atoms or molecules with one or more unpaired electrons

Israel

The "smart card"

LW

PE

SF

ER

NT

F

IN-QUEST

Answers

West Indies

The Sequoia redwoods

Saturn

The USA

A human-like robot

Telepathy and psychokinesis

LW

PE

SF

ER

NT

F

IN-QUEST

Answers

Passion fruit

Mexico

Saturn

Kidney shaped

Ducted propeller

No

LW

PE

SF

ER

NT

F

IN-QUEST

Answers

Flower

New York

Space walking

Copper

Anti-cancer drugs

A special genetic police force

LW

PE

SF

ER

NT

F

IN-QUEST

Answers

Oranges

Egypt

384,000 km

Mekong

Telecommunications

6 metres

LW

PE

SF

ER

NT

F

IN-QUEST

Answers

Herb

Abode of snow

22 hours

The USA

Making bricks

A defence satellite system

LW

PE

SF

ER

NT

F

IN-QUEST

Answers

Bird

White

Green

63-87 km/h

Orange, to make them easier to find

Helicopters

LW

PE

SF

ER

NT

F

IN-QUEST

Answers

Fish

Victoria Falls

ISAS

Fool's gold

A weather satellite

No, but the Russians plan to contribute to the US Freedom Station

LW

PE

SF

ER

NT

F

IN-QUEST

Answers

The raccoon

The Oval sea

Red

It's odourless

An air-to-ground missile system

1.5 km

LW

PE

SF

ER

NT

F

IN-QUEST Questions

LW Are Basilisks lizards, flowers or ducks?

PE Are the "roaring forties" North or South of the equator?

SF How long is the great Red Spot of Jupiter: 2,500 km, 25,000 km or 2.5 million km long?

ER In chemistry what are "free radicals"?

NT What country makes the Kfir C2 fighter jet?

F What may replace the traditional passport in the near future?

IN-QUEST Questions

LW Is an Oleander a fish, flower or herb?

PE In what American state are the Catskill mountains: New York, California or Mississippi?

SF In Space, what is extravehicular activity commonly called?

ER What common metal is useful as a conductor of both electricity and heat?

NT Are Vinblastine and Vincristine anti-cancer drugs, fertilizers or bio-genic foods?

F What will stop hospitals and laboratories from experimenting with illegal geneticallly engineered viruses?

IN-QUEST Questions

LW Is a Kookaburra a type of monkey, bird or fox?

PE What colour is the hardest diamond?

SF What colour is Uranus?

ER How fast is the wind blowing at gale force: 63-87, 163-187, or 263-287 km/h?

NT The "black box" flight recorders are not actually black. What colour are they?

F In tomorrow's high rise cities, what will be the most common form of taxis?

IN-QUEST Questions

LW Are bay trees indigenous to India, China or the West Indies?

PE Sequoia National Park in California, USA contains some of Earth's oldest living things, what are they?

SF Which planet has rings around it, Neptune, Pluto or Saturn?

ER Is nubian sandstone found in the USA, North Africa, or Australia?

NT What is an android?

F If future man fully develops his brain what powers may he have?

IN-QUEST Questions

LW What fruit accounts for about 75% of the world's citrus fruit output?

PE Where is the great Gattara Depression: Egypt, Morocco or New Zealand?

SF What is the Moon's average distance from Earth: 207,000 km, 384,000 km or 567,000 km?

ER What is the name of the major river system in South East Asia?

NT Are co-axial cables used in telecommunications, as bow strings for cross bows or in airplane wing supports?

F The most pessimistic estimates are that global warming may result in sea levels rising by 2, 4 or 6 metres?

IN-QUEST Questions

LW Are sticklebacks a type of pig, fish or antelope?

PE Along the Zambezi river flows one of the world's greatest national wonders, what is it?

SF What is the name of the Japanese Space agency?

ER What is another name for Pyrite?

NT Is the Gray X-MP/48 a new NASA Space probe, a weather satellite or a type of bomb detector?

F Are there plans for a joint US/Russian Space station in the 90s?

IN-QUEST Questions

LW What is another name for granadillas?

PE Where is Sierra Madre?

SF Which is further from the Sun, Jupiter or Saturn?

ER Haematite is the most important ore mineral of iron. In what shape is it commonly found: a heart, a kidney or T-bone steak?

NT Which is the more energy efficient: the open propeller or the ducted propeller?

F Are the Japanese and Americans planning a joint Space venture to the Moon in the next decade?

IN-QUEST Questions

LW Is a plumbago a herb, fruit or vegetable?

PE The word Himalaya in Sanskrit means abode of snow, top of the world or Sun's gate?

SF How long did the Apollo 11 crew spend on the Moon: 22 hours, 2 days, or a week and a half?

ER Are the Pemigewasset and Winnepesaukee rivers in the USA, Africa or Australia?

NT What are Hoffman Kilns used for?

F What is the Teal Ruby?

IN-QUEST Questions

LW A Kinkajou is a species of carnivore. What family of animals is it in: the raccoon dog or bear?

PE The world's fourth largest lake used to be part of a large sea, but it is now surrounded by desert, what is it called?

SF What colour is Mars?

ER Does helium smell like rotten eggs, burnt toast or is it odourless?

NT What is the A6M-65B: a new battle tank, a new fighter jet or an air-to-ground missile?

F How high do you think the sky scrapers of the future will stretch: 0.5, 1.5 or 2.5 km?

IN-QUEST Questions

LW Beavers can fell trees up to one metre in diameter, true or false?

PE The Empire State Building is on average hit by lightning 100 times a year, true or false?

SF All the water on Mars would fit into the Serpentine in London, true or false?

ER At what age does the tuna fish outweigh man, 5 years, 10 years or 15 years?

NT In policing, what do the letters FBI stand for?

F Scientists are working on a technique to fax human beings. True or false?

IN-QUEST Questions

LW Arsenic, cyanide and strychnine have one thing in common, what is it?

PE Which country in the world is so over-populated that it has state-controlled births?

SF How many moons does Jupiter have, 6, 16 or 26?

ER What is 'pumping iron'?

NT What do the police use the PNC for?

F Using natural predators to keep crops pest-free is known as what?

IN-QUEST Questions

LW There is a bird that flies up to four years without landing, true or false?

PE What is magma?

SF Which is considered to be the most 'Earth-like' planet?

ER What is the common name for the water that falls out of clouds of sulphuric and nitric acid?

NT In computers, what does CAD stand for?

F What science fiction fantasy does cryogenics offer mankind?

IN-QUEST Questions

LW How many different species of cockroach are there, 4, 6 or 8?

PE What are the names of the seven continents?

SF What nationality is Neil Armstrong?

ER What is the South American jungle being cut down for, homes, cattle farming or a fairground park?

NT In computers, what does CPU stand for?

F Jim is, a) the speaking clock, b) an atmospheric diving suit or c) just-in-time warehousing system?

IN-QUEST Questions

LW Do piranhas live in fresh or salt water?

PE Opium is made into a dangerous drug. What is it?

SF What does NASA stand for?

ER What is the common word used for an 'aerial hovercraft'?

NT In policing, what does the Special Air Services (SAS) do?

F By 2050, life extensionists see the human lifespan being extended to 120, 140 or 160 years?

IN-QUEST Questions

LW What is the largest land mammal in danger of being wiped out by poachers?

PE Can you name the five oceans?

SF Our knowledge of the outer planets has been revolutionized by which two spacecraft?

ER Tropical rainforests can grow back after being cut down, true or false?

NT What is an 'expert in ballistics'?

F An underwater submersible can descend to 4,000, 5,000 or 6,000 metres?

IN-QUEST Questions

LW Eighty per cent of life on Earth lives where?

PE What covers more than 70 per cent of our planet?

SF Which planet takes the longest to travel around the Sun, Mars or Venus?

ER What is the damaging effect of long-term irrigation?

NT Destroyer which was hit by a missile in May 1982?

F Which infamous drug may be valuable in treating leprosy?

IN-QUEST Questions

LW Where would you find a tibia, a) your leg, b) your head, or c) your stomach?

PE What is the name of the imaginary line drawn around the centre of the Earth?

SF How does a reconnaissance plane pilot keep in touch with home base?

ER Black coral produces a) pearls, b) prostaglandin or c) paint?

NT What popular game was the theme of the film *War Games*?

F Scientists believe that no one drug can cure all cancers. True or false?

IN-QUEST Questions

LW How does a pathologist estimate the time of death of a human?


PE What was the name of the first continent a) Pagaea, b) Pamplona or c) Pompeii?

SF What is the name of the planet in our solar system with the most 'rings' around it?

ER What forms the main part of your diet in the first year of life?

NT The police have a computer system called 'HOLMES', what do the individual letters stand for?

F How do the police think that they will keep tabs on criminals in the future?

IN-QUEST  Answers

LW True, the Sooty Tern, which feeds and sleeps on the wing


PE Hot, semi-liquid rock

SF Mars

ER Acid rain

NT Computer-aided design

F Being frozen at death and defrosted some time in the far future

IN-QUEST  Answers

LW The African elephant because of the value of its ivory tusks to make ornaments and musical instruments, etc.


PE The Pacific, Atlantic, Indian, Arctic and Antarctic

SF Voyager 1 and Voyager 2

ER False, only the Northern temperate forests can do that

NT An expert of the science in how projectiles travel

F 4,000 metres

IN-QUEST  Answers

LW By taking the dead person's temperature


PE Pangaea

SF Saturn

ER Milk (from mother's breast or prepared from powder)

NT Home Office Large Major Enquiry System!

F By issuing all criminals with their own computerized, unremovable identity bracelets

IN-QUEST  Answers

LW They are deadly poisons


PE China, where the Government allows only one child per couple

SF 16

ER The term used by bodybuilders to describe their weight training

NT It's the POLICE NATIONAL COMPUTER and it stores a lot of valuable information

F Biological control

IN-QUEST  Answers

LW In fresh water


PE Heroin

SF National Aeronautics and Space Administration

ER Helicopter

NT It's Britain's counter-terrorist force, on standby in case of hijacks etc

F 160 years

IN-QUEST  Answers

LW Your leg


PE The Equator

SF Via satellite

ER Prostaglandin, a hormone used in birth control pills

NT Tick-Tack-Toe or Noughts and Crosses

F True. This may be the biggest hurdle to developing such drugs

IN-QUEST  Answers

LW True


PE False it is hit 500 times a year

SF True, it has very little water

ER 5 years, it weighs 200 kg by the age of 10 and double that at 25

NT Federal Bureau of Investigation

F False. Nice though the idea may be it is still just an idea.

IN-QUEST  Answers

LW 6


PE Asia, North America, South America, Antarctica, Oceania (or Australasia), Europe and Africa

SF American

ER Cattle farming, due to the large demand for beef by the hamburger chains

NT Central Processing Unit

F An atmospheric diving suit, which protects the diver as well as allowing him to move freely

IN-QUEST  Answers

LW In the oceans

PE Water in the oceans

SF Mars

ER It saturates the ground with salts and minerals and eventually kills everything planted in it

NT HMS Sheffield

F Thalidomide